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PTO/SB/08A (10-01)

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				<b>Application Number</b>	
				<b>Filing Date</b>	
				<b>First Named Inventor</b>	Kia Silverbrook
				<b>Art Unit</b>	
				<b>Examiner Name</b>	
<b>Sheet</b>	1	<b>of</b>	7	<b>Attorney Docket Number</b>	ZF199US

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>5</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-6,598,960 *	07.2003	Cabal et al	
		US-5,883,650 **	03.16.1999	Figuerdo et al	
		US-5,812,159 **	09.22.1998	Anagnostopoulos	
		US-5,719,604	02.17.1998	Inui et al	
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		US-4,672,398	06.09.1987	Kuwabara et al	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>5</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		JP 404001051 **	01.06.1992	Komai		
		EP 0 713 774	05.29.1996	Sharp Kabushiki Kaisha		
		DE 195-16 997	11.16.1995	Sharp K.K.		
		DE 196 23 620	12.19.1996	Sharp K.K.		
		JP 2-108544 (Abstract)	04.20.1990	Seiko Epson Corp.		
		JP 2-92643 (Abstract)	04.03.1990	Seiko Epson Corp.		
		JP 4-353458 (Abstract)	12.08.1992	Brother Ind Ltd		
		JP 6-91865 (Abstract)	04.05.1994	Seikosha Co Ltd		
		JP 6-91866 (Abstract)	04.05.1994	Seikosha Co Ltd		
		JP 2-265752 (Abstract)	10.30.1990	Matsushita Electronic Ind Co Ltd		
		EP 0 634 273	01.18.1995	Sharp Kabushiki Kaisha		

<b>Examiner Signature</b>		<b>Date Considered</b>	
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	
				Filing Date	
				First Named Inventor	Kia Silverbrook
				Art Unit	
				Examiner Name	
Sheet	2	of	7	Attorney Docket Number	ZF199US

[illegible]

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		Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		DE 195 32 913	03.28.1996	Sharp K.K		
		JP 58 112747 (Abstract)	07.05.1983	Fujitsu KK		
		DE 43 28 433	03.02.1995	Heidleberger Druckmaschinen AG		
		JP 61 025849 (Abstract)	02.04.1986	Canon Inc		
		JP 01 128839 (Abstract)	05.22.1989	Ricoh Co Ltd		
		JP 04 126255 (Abstract)	04.27.1992	Seiko Epson Corp		
		GB 2 262 152	06.09.1993	Willatt Int Ltd		
		DE-195-16 997	11.16.1995	Sharp K.K		
		JP 05 318724 (Abstract)	12.03.1993	Seikosha Co Ltd		
		JP 02 162049 (Abstract)	06.21.1990	Seiko Epson Corp		
		DE 32 45 283	06.07.1984	Siemens AG		
		JP 04 368851 (Abstract)	12.21.1992	Seiko Epson Corp		

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Substitute for form 1449A/PTO

*(use as many sheets as necessary)*

Sheet 3 of 7

**Complete if Known**

<b>Application Number</b>	
<b>Filing Date</b>	
<b>First Named Inventor</b>	Kia Silverbrook
Art Unit	
<b>Examiner Name</b>	
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		JP 02 158348 (Abstract)	06.18.1990	Minolta Camera Co Ltd		
		JP 03 112662 (Abstract)	05.14.1991	Seiko Epson Corp		
		JP 03 65 348 (Abstract)	03.20.1991	Matsushita Electric Ind Co		
		EP 0 431 338	06.12.1991	Matsushita Electric Ind Co		
		JP 01 257058	10.13.1989	Seiko Epson Corp		
		DE 195 17 969	11.30.1995	Sharp K.K		
		DE 196 39 717	04.17.1997	Sharp K.K		
		EP 0 737 580	10.16.1996	Canon K.K		
		EP 0 882 590	12.09.1998	Canon K.K		
		EP 0 478 956	04.08.1992	Kernforschungsz-Karlsruhe GMBH		
		DE 1 648 322	03.24.1971	VDO Tachometerwerke GMBH		
		GB 1 428 239	03.17.1976	Cibec Projecteurs		

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				Examiner Name	
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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		DE 37 16 996	12.08.1988	VDO Schindling		
		DE 34 30 155	02.27.1986	Siemens AG		
		FR 2 231 076	12.20.1974	Electricite De France		

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		<b>Filing Date</b>	
		<b>First Named Inventor</b>	Kia Silverbrook
		<b>Group Art Unit</b>	
		<b>Examiner Name</b>	
<b>Sheet</b>	7	<b>of</b>	7
		<b>Attorney Docket Number</b>	ZF199US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		NOWOROLSKI, J. MARK et al, "Process for in-plane and out-of-plane single-crystal-silicon thermal microactuators". Sensors and Actuators, A, CH, Elsevier-Sequoia S.A., Lausanne, Vol-55, no-1, 15-July-1996, pp 65-69, XP004077979 ISSN: 0924-4247.	
		ATAKA, MANABU et al, "Fabrication and Operation of Polymide Bimorph Actuators for Ciliary Motion System". Journal of Microelectromechanical Systems, US, IEEE Inc. New York, Vol. 2, no. 4, 1 December 1993, pp 146-150, XP000443412, ISSN: 1057-7157.	
		YAMAGATA, YUTAKA et al, "A Micro Mobile Mechanism Using Thermal Expansion and its Theoretical Analysis". Proceeding of the workshop on micro electro mechanical systems (MEMS), US, New York, IEEE, Vol. Workshop 7, 25 January 1994, pp 142-147, XP000528408, ISBN: 0-7803-1834-X.	

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